



1631-4

PTO/SB/21 (05-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/601,561
Filing Date	December 15, 2000
First Named Inventor	SCHNEIDER, Thomas
Art Unit	1631
Examiner Name	Zhou, Shubo "Joe"
Attorney Docket Number	015280-332100US

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

☒ Fee Transmittal Form-in duplicate

☐ Fee Attached

☒ Amendment/Reply-"Amendment"

☐ After Final

☐ Affidavits/declaration(s)

☒ Extension of Time Request-3 mos.
per accompanying Fee Transmittal

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority
Document(s)

☐ Response to Missing Parts/
Incomplete Application

☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a
Provisional Application

☐ Power of Attorney, Revocation
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals
and Interferences

☐ Appeal Communication to Group (Appeal
Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s)
(please identify below):

Return Postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit
Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm
or
Individual

Townsend and Townsend and Crew LLP

Jean M. Lockyer, Ph.D.

Reg. No. 44,879

Signature

Date

August 13, 2003

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name Malinda C. Dagit

Signature

Date

13 Aug. 2003

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 930

Complete if Known

Application Number	09/601,561
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First Named Inventor	SCHNEIDER, Thomas
Examiner Name	Zhou, Shubo "Joe"
Art Unit	1631
Attorney Docket No.	015280-332100US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ MoneyOrder ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 20-1430

Deposit Account Name: Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION					
1. BASIC FILING FEE					
Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fees from below	Fee Paid
Total Claims	** =		
Independent Claims	** =		
Multiple Dependent			

Large Entity	Small Entity				
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)					
3. ADDITIONAL FEES					
Large	Entity	Small	Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	930
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$)930

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jean M. Lockyer, Ph.D.	Registration No. (Attorney/Agent)	44,879	Telephone	415-576-0200
Signature		Date	August 13, 2003		

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On 13 Aug. 2003

TOWNSEND and TOWNSEND and CREW LLP

By: Malvinda Wojcik

PATENT
Attorney Docket No.: 015280-332100US
Client Ref. No.: E-170.97/0

RECEIVED
AUG 22
TECH CENTER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SCHNEIDER et al.

Application No.: 09/601,561

Filed: December 15, 2000

For: MOLECULAR COMPUTING
ELEMENTS: GATES AND FLIP-
FLOPS

Customer No.: 20350

Confirmation No.: 5945

Examiner: Zhou, Shubo "Joe"

Technology Center/Art Unit: 1631

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed February 13, 2003, please enter the following amendments and remarks. Enclosed herewith is a fee authorization for an extension of time for three months.

The **Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

The **Remarks** begin on page 12 of this paper.

08/18/2003 RHEBRAHT 00000011 201430 09601561
01 FC:1253 930.00 DA